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BOROUGH OF ROYAL TUNBRIDGE WELLS

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1961.

P. A. CROWLEY, M.B., Ch.B., B.A.O., D.P.H.





Borough of Royal Tunbridge Wells



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH


FOR THE YEAR 1961.



P. A. CROWLEY, M.B., Ch.B., B.A.O., D.P.H.



Tunbridge Wells:
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BOROUGH OF ROYAL TUNBRIDGE WELLS

HEALTH COMMITTEE :

(Constitution at 31st December, 1961).

THE MAYOR (Mr. Councillor C. J. GANGE, J.P.)

Mr. Councillor K. J. G. MORRISON (*Chairman*)

Councillor Miss C. COX.

Mr. Councillor D. SAVAGE.

Mr. Councillor E. GABBE.

Mr. Councillor J. T. SPARE.

Mr. Councillor J. W. LAWRENCE. Councillor Miss P. E. F. THESIGER,
T.D.

STAFF OF PUBLIC HEALTH DEPARTMENT:

Medical Officer of Health; Principal Medical Officer to Kent County Council
(Area No. 4); Medical Officer of Health, Cranbrook Rural District Council;
Visiting Medical Officer Infectious Diseases Hospital:

P. A. CROWLEY, M.B., CH.B., B.A.O., D.P.H.

Official Address: Public Health Offices, Town Hall, Tunbridge Wells.
Telephone No.: Tunbridge Wells 26121. Extension 72.

Senior Public Health Inspector :

K. W. WILLANS (*a, b, c, d and e*)

Public Health Inspectors:

D. A. BARMBY (*a*) (*appointed 1.11.61*).

T. ELLISON (*a and b*).

R. G. HULL (*a and b*) (*appointed 26.7.61*).

W. P. S. RAE (*a, b and c*) (*resigned 21.1.61*).

R. WELCH (*a, b and c*) (*resigned 31.10.61*).

- (a) Certificate of Royal Sanitary Institute of Sanitary Inspectors Examination Joint Board.
- (b) Meat and Other Foods Inspection Certificate of Royal Society of Health.
- (c) Smoke Inspectors' Certificate of Royal Society of Health.
- (d) Sanitary Science Certificate of Royal Society of Health.
- (e) Diploma, Royal Institute of Public Health and Hygiene.

Student Public Health Inspector:

E. W. KINGCOTT

Health Visitors:

*Miss M. BRERETON.

*Miss E. THOUARD (*retired 10.3.61*).

*Mrs. F. COLBOURNE.

*Miss D. M. SORRELL (*commenced duties 1.5.61*).

*Miss M. L. PHILLIPS.

*Miss W. M. WEST.

Matron, Infectious Diseases Hospital:

†Miss M. MEECHAN, S.R.N., R.F.N.

CLERICAL STAFF:

Chief Clerk:

Mrs. D. E. TEBBIT.

Second Clerk:

Miss G. M. MOORE.

Public Health Inspector's Clerk:

D. A. BARMBY.

Rodent Operator:

E. SMITHERMAN.

Public Analyst:

H. E. MONK, B.Sc., F.R.I.C., M.Inst.S.P.A., A.M.Inst.W.E.

Deputy Public Analyst:

R. C. SPALDING, M.A., F.R.I.C.

*County Staff employed locally

†Under Control of Regional Hospital Board.

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BOROUGH OF ROYAL TUNBRIDGE WELLS

PUBLIC HEALTH DEPARTMENT,

TOWN HALL,

TUNBRIDGE WELLS.

*To the Mayor, Aldermen and Councillors
of the Borough of Royal Tunbridge Wells.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report for the year 1961.

The Report is given in its usual form and on the whole shows the health of the Borough residents to be good.

The population at mid-year 1961 as estimated by the Registrar-General was 39,710; this is the highest figure yet recorded. The Census figure for 1961 is not yet available.

The total number of births registered was 605 (329 males and 276 females); this figure is again higher than in 1960 when the total registered births numbered 538. The corrected birthrate per 1,000 population was 16.6, the birthrate for England and Wales being 17.4.

The number of deaths recorded during the year was 679 (256 males and 423 females). The corrected death rate for the town was 10.8, compared with the death rate for England and Wales of 12.0. Deaths from cancer numbered 110, of which 29 were of cancer of the lung, and I regret to say that this is the highest figure yet recorded since the Registrar-General introduced in 1950 separate figures for deaths due to cancer of the lung and bronchus.

Deaths of infants under one year numbered 15, giving an Infant Mortality rate of 24.8 per 1,000 live births, compared with a rate of 21.4 for England and Wales. A table showing the causes of death is given later in the Report. Of the total number of deaths it will be seen that 13 were neo-natal, i.e., occurred during the first month of life.

The number of cases of infectious disease notified during the

year was 446 compared with 418 cases the previous year. There were 373 cases of measles and 24 cases of whooping cough. Twelve cases of scarlet fever were notified during the year, all being of a very mild type. Three cases of food poisoning occurred during the year. To ensure better standards of food hygiene in food premises, frequent visits were paid by the staff of the Public Health Department during the year. Free discussions on the problems which arose took place during these visits and helpful advice was given. This direct approach to the people engaged in the food trade has much to commend it and has proved very successful.

No cases of acute anterior poliomyelitis or diphtheria were reported. It is satisfactory to note that no cases of diphtheria have occurred in the Borough since 1949. I would again like to take the opportunity, however, of stressing the importance of immunisation against these two diseases. The County Health Department is responsible for all arrangements in connection with vaccination and immunisation, and my thanks are due to the County Medical Officer who has kindly supplied the figures appearing on page 17 of this Report, showing the number of persons vaccinated against smallpox and poliomyelitis and immunised against diphtheria and whooping cough.

During January and February, 1961, the mid-Kent Mass Radiography Unit visited the town, and during the period 2nd January to the 3rd February, the number of persons X-rayed was 6,903 (3,178 males and 3,725 females). The survey was not confined to residents within the Borough. One case of active tuberculosis was diagnosed and one of cancer of the lung. It is disappointing that more people do not avail themselves of this very valuable preventive service.

As part of a National Fire Prevention Week an exhibition was staged by the Kent County Fire Service in the Municipal Library building during November, 1961. The Health Department took advantage of the exhibition by bringing to the notice of the public the dangers of unguarded fires in the

home, by means of a display panel, posters and other publicity material. Too many accidents, a regrettable number of which prove fatal, occur in homes throughout the country as the result of unguarded fires. The display emphasised the need that all fires whether open, gas or electric, should be fitted with guards and also suggested that heating appliances should be overhauled regularly.

In conclusion, I would like to take this opportunity of expressing my thanks to the Chairman and Members of the Health Committee for their support and continued interest throughout the year, and to the Chief Officers for their kind co-operation. I would also like to record my thanks to Mr. Willans, Chief Public Health Inspector, for the help he has given me, and finally, my thanks to all the other members of the Public Health Department for their loyal assistance throughout the year.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

P. A. CROWLEY,

Medical Officer of Health.

VITAL STATISTICS.

1 (a) Summary of Statistics.

1 (a)—(i) GENERAL.

Area: 6,034 acres.

Population: 39,710. (R.-G's Estimate, 1961). (Census figure for 1961 not yet available).

Density of population, i.e. number of persons per acre: 6.6.

Number of inhabited houses: 12,630.

Rateable value, 1961: £746,726.

Sum produced by a penny rate: £3,000.

Mean Annual Temperature: 49.9°F.

Hours of Bright Sunshine, 1961: 1,728.1 hours.

Total Rainfall, 1961: 27.60 inches.

1 (a)—(ii) BIRTHS.

| <i>Live Births (Registered):</i> | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
|----------------------------------|---------------|--------------|----------------|
| Legitimate ... | 570 | 305 | 265 |
| Illegitimate ... | 35 | 24 | 11 |
| | 605 | | |

Corrected Birth Rate: 16.6.

Live Birthrate per 1,000 population: 15.2.

Live Birthrate for England and Wales: 17.4.

| 1 (a)—(iii) <i>Stillbirths:</i> | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
|---------------------------------|---------------|--------------|----------------|
| Legitimate ... | 8 | 6 | 2 |
| Illegitimate ... | 1 | 1 | — |
| | 9 | | |

Stillbirth Rate per 1,000 live births: 14.9.

Rate per 1,000 population: 0.23.

Stillbirth Rate for England and Wales: 18.7.

1 (a)—(iv) DEATHS.

Males: 256. Females: 423. Total: 679.

Standardised Death Rate: 10.8.

Crude Death Rate per 1,000 population: 17.1.

Death rate for England and Wales: 12.0.

| | |
|---|--|
| 1 (a)—(v) Number of women dying in, or in consequence of childbirth Nil | |
| Maternal mortality per 1,000 total registered births 0.0 | |

1 (a)—(vi) INFANTILE MORTALITY.

Deaths of infants under one year of age:—

| | <i>Total.</i> | <i>Male.</i> | <i>Female.</i> |
|---------------------|---------------|--------------|----------------|
| Legitimate | 14 | 12 | 2 |
| Illegitimate | 1 | 1 | — |

Death rate of infants under one year of age per 1,000 live
births: 24.8.

Rate for England and Wales: 21.4.

1 (a)—(vii) Total number of deaths from:—

| | 1960 | 1961 |
|----------------------------------|------|------|
| Measles (all ages) | — | — |
| Whooping Cough | — | — |
| Diarrhoea (under 2 years) | — | — |
| Cancer (all ages) | 97 | 110 |

1. Causes of death in children under one year.

| | Under 24 hours. | 1 day to 1 week | 1-2 weeks | 2-3 weeks. | 3-4 weeks. | Total under 4 weeks. | 1-3 m'nths | 3-6 m'nths | 6-9 m'nths | 9-12 m'nths | TOTAL |
|--|-----------------------|-----------------------|--------------|---------------|---------------|-------------------------------|---------------|---------------|---------------|----------------|-------|
| Congenital Malformations | 1 | — | — | — | — | 1 | 2 | — | — | — | 3 |
| Other defined and ill defined diseases | 6 | 2 | — | 1 | — | 9 | — | — | — | — | 9 |
| Pneumonia ... | 2 | 1 | — | — | — | 3 | — | — | — | — | 3 |
| TOTALS ... | 9 | 3 | — | 1 | — | 13 | 2 | — | — | — | 15 |

2. Deaths from Lung Cancer during the past twelve years.

| Year. | 20—34 years. | | 35—44 years. | | 45—64 years. | | 65—74 years. | | 75 years and over | | TOTAL. | |
|----------|-----------------|----|-----------------|----|-----------------|----|-----------------|----|----------------------|----|--------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1950 ... | — | — | — | — | 2 | — | — | 2 | — | — | 2 | 2 |
| 1951 ... | — | — | — | — | 8 | — | 4 | 1 | — | 1 | 12 | 2 |
| 1952 ... | — | — | — | — | 3 | 1 | 4 | 1 | 3 | 3 | 10 | 5 |
| 1953 ... | — | — | 2 | — | 3 | 1 | 5 | — | 3 | — | 13 | 1 |
| 1954 ... | — | — | 2 | — | 11 | — | — | 1 | 6 | — | 19 | 1 |
| 1955 ... | — | — | 1 | — | 3 | — | 3 | 1 | 4 | — | 11 | 1 |
| 1956 ... | — | — | — | — | 6 | 3 | 9 | 3 | 1 | — | 16 | 6 |
| 1957 ... | — | — | 1 | 1 | 9 | 3 | 6 | — | 4 | — | 20 | 4 |
| 1958 ... | — | — | 1 | — | 2 | — | 9 | 2 | 4 | 4 | 16 | 6 |
| 1959 ... | — | — | — | — | 11 | — | 6 | 5 | 3 | 1 | 20 | 6 |
| 1960 ... | — | — | — | — | 8 | 3 | 4 | 3 | 5 | 2 | 17 | 8 |
| 1961 ... | 1 | — | — | — | 9 | 4 | 9 | 1 | 4 | 1 | 23 | 6 |
| | 1 | — | 7 | 1 | 75 | 15 | 59 | 20 | 37 | 12 | 179 | 48 |

3. Table showing Summary of Causes of Death during the year ended 31st December, 1961.

| No. | Cause of Death. | Male. | Female. | Total. |
|-------------------------|--|-------|---------|--------|
| 1. | Tuberculosis, Respiratory | 3 | — | 3 |
| 2. | Tuberculosis, Other | — | — | — |
| 3. | Syphilitic Disease | — | — | — |
| 4. | Diphtheria | — | — | — |
| 5. | Whooping Cough | — | — | — |
| 6. | Meningococcal Infections | — | — | — |
| 7. | Acute Poliomyelitis | — | — | — |
| 8. | Measles | — | — | — |
| 9. | Other Infective and Parasitic Diseases | — | — | — |
| 10. | Malignant Neoplasm Stomach ... | 5 | 8 | 13 |
| 11. | Malignant Neoplasm Lung, Bronchus | 23 | 6 | 29 |
| 12. | Malignant Neoplasm Breast | — | 14 | 14 |
| 13. | Malignant Neoplasm Uterus | — | 5 | 5 |
| 14. | Other Malignant & Lymphatic Neoplasms | 21 | 28 | 49 |
| 15. | Leukæmia, Aleukæmia | — | — | — |
| 16. | Diabetes | 1 | 2 | 3 |
| 17. | Vascular Lesions of Nervous System ... | 32 | 79 | 111 |
| 18. | Coronary Disease, Angina | 43 | 68 | 111 |
| 19. | Hypertension with Heart Disease ... | 5 | 12 | 17 |
| 20. | Other Heart Disease | 40 | 70 | 110 |
| 21. | Other Circulatory Disease | 9 | 33 | 42 |
| 22. | Influenza | 1 | — | 1 |
| 23. | Pneumonia | 9 | 32 | 41 |
| 24. | Bronchitis | 9 | 8 | 17 |
| 25. | Other Diseases of respiratory system ... | 3 | 3 | 6 |
| 26. | Ulcer of Stomach and Duodenum ... | 3 | 3 | 6 |
| 27. | Gastritis, Enteritis and Diarrhœa ... | 1 | 3 | 4 |
| 28. | Nephritis and Nephrosis | 1 | 4 | 5 |
| 29. | Hyperplasia of Prostate | 4 | — | 4 |
| 30. | Pregnancy, Childbirth, Abortion ... | — | — | — |
| 31. | Congenital Malformations | 3 | — | 3 |
| 32. | Other Defined and Ill-Defined Diseases | 23 | 28 | 51 |
| 33. | Motor Vehicle Accidents | 2 | 1 | 3 |
| 34. | All other accidents | 11 | 15 | 26 |
| 35. | Suicide | 4 | 1 | 5 |
| 36. | Homicide and Operations of War ... | — | — | — |
| TOTAL ALL CAUSES | | 256 | 423 | 679 |

4. Table showing the average number of deaths at several ages for consecutive periods of five years.

| | 1906 to 1910 | 1911 to 1915 | 1916 to 1920 | 1921 to 1925 | 1926 to 1930 | 1931 to 1935 | 1936 to 1940 | 1941 to 1945 | 1946 to 1950 | 1951 to 1955 | 1956 to 1960 | 1961 |
|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------|
| Deaths at under 1 year | 46 | 40 | 36 | 23 | 22 | 18 | 17 | 21 | 22 | 10 | 11 | 15 |
| „ 1 and under 2 } | 23 | 16 | { 6 | 3 | 5 | 3 | 4 | 3 | 1 | 1 | 1 | — |
| „ 2 „ „ 5 } | | | { 9 | 5 | 5 | 4 | 3 | 3 | 1 | 2 | 1 | 1 |
| „ 5 „ „ 15 } | 10 | 16 | 15 | 6 | 7 | 5 | 4 | 5 | 3 | 2 | 1 | 3 |
| „ 15 „ „ 25 } | 14 | 12 | 21 | 10 | 10 | 7 | 7 | 4 | 3 | 3 | 3 | 1 |
| „ 25 „ „ 45 } | 141 | 145 | { 47 | 36 | 37 | 30 | 30 | 25 | 20 | 15 | 17 | 10 |
| „ 45 „ „ 65 } | | | { 107 | 104 | 118 | 119 | 115 | 107 | 101 | 93 | 99 | 95 |
| „ 65 and upwards | 205 | 234 | 245 | 276 | 307 | 342 | 368 | 420 | 470 | 473 | 554 | 554 |

5. Table showing number of deaths from certain causes.

| Five-yearly Period. | Cancer. | Tuberculosis | | Infectious Diseases. | Violence. | Influenza. |
|------------------------|---------|-----------------|---------------------|-------------------------|-----------|------------|
| | | Pul- monary. | Non-Pul- monary. | | | |
| 1901-1905 | 226 | 167 | 61 | 104 | 45 | 67 |
| 1906-1910 | 251 | 154 | 48 | 90 | 35 | 87 |
| 1911-1915 | 260 | 133 | 46 | 110 | 49 | 60 |
| 1916-1920 | 310 | 150 | 62 | 59 | 50 | 178 |
| 1921-1925 | 328 | 111 | 32 | 27 | 65 | 64 |
| 1926-1930 | 384 | 106 | 21 | 30 | 59 | 91 |
| 1931-1935 | 383 | 65 | 20 | 15 | 57 | 52 |
| 1936-1940 | 417 | 60 | 14 | 21 | 81 | 55 |
| 1941-1945 | 502 | 66 | 16 | 13 | 65 | 61 |
| 1946-1950 | 496 | 44 | 9 | 9 | 52 | 25 |
| 1951-1955 | 500 | 18 | 2 | 7 | 116 | 40 |
| 1956-1960 | 546 | 14 | 1 | 7 | 147 | 34 |
| 1961 | 110 | 3 | — | — | 34 | 1 |

Table 6. Ages, etc., of Cases of Notifiable Infectious Disease.

| Disease | Total Cases (all ages) | Under 1 year | 1 year | 2 years | 3 years | 4 years | 5-9 years | 10-14 years | 15-24 years | 25-44 years | 45-64 years | 65 and over | Age Unknown | Cases admitted to Hospital | Deaths |
|-------------------------------|------------------------|--------------|--------|---------|---------|---------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|--------|
| Scarlet Fever ... | 12 | — | — | 1 | 2 | 1 | 6 | 1 | — | 1 | — | — | — | — | — |
| Diphtheria ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pneumonia ... | 3 | — | — | — | — | — | — | 1 | — | — | 1 | — | — | — | — |
| Puerperal Pyrexia ... | 5 | — | — | — | — | — | — | — | 2 | 3 | — | — | — | — | — |
| Erysipelas ... | 5 | — | — | — | — | — | — | — | — | 1 | — | 4 | — | — | — |
| Meningococcal Meningitis ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Food Poisoning ... | 3 | — | 1 | — | — | — | — | — | — | 2 | — | — | — | — | — |
| Whooping Cough ... | 24 | 2 | 2 | 1 | 1 | 2 | 9 | 3 | 1 | 3 | — | — | — | — | — |
| Measles ... | 373 | 2 | 45 | 49 | 48 | 54 | 157 | 11 | 4 | 3 | — | — | — | — | — |
| Acute Encephalitis: | | | | | | | | | | | | | | | |
| Infective ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Post Infectious ... | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — |
| Acute Anterior Poliomyelitis: | | | | | | | | | | | | | | | |
| Paralytic ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Non-Paralytic ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ophthalmia Neonatorum ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dysentery ... | 3 | — | — | — | — | — | — | 1 | — | 1 | — | — | — | — | — |
| Paratyphoid B ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enteric or Typhoid Fever ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Tuberculosis: | | | | | | | | | | | | | | | |
| Pulmonary ... | 15 | — | — | — | — | — | — | — | — | 5 | 4 | 6 | — | — | — |
| Central Nervous System ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other ... | 2 | — | — | — | — | — | 1 | — | — | 1 | — | — | — | — | — |
| TOTALS ... | 446 | 4 | 48 | 51 | 51 | 57 | 173 | 17 | 8 | 20 | 5 | 12 | — | — | — |

Table 7. Seasonal Incidence of Notifiable Infectious Diseases.

| DISEASE. | Jan. | Feb. | Mar. | Apl. | May | Jun. | July | Aug. | Sep. | Oct. | Nov. | Dec. | Totals |
|-------------------------------------|------|------|------|------|-----|------|------|------|------|------|------|------|--------|
| Scarlet Fever | 2 | 1 | 3 | 2 | 1 | 2 | — | — | — | — | 1 | — | 12 |
| Diphtheria | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pneumonia | 1 | 2 | — | — | — | — | — | — | — | — | — | — | 3 |
| Puerperal Pyrexia | — | — | — | — | — | 2 | — | — | 1 | — | 2 | — | 5 |
| Erysipelas | 1 | — | — | — | 1 | — | — | — | 1 | 1 | 1 | — | 5 |
| Whooping Cough | 5 | 2 | 2 | 7 | 5 | 1 | 3 | — | — | 1 | — | — | 26 |
| Measles | 12 | 25 | 91 | 50 | 19 | 58 | 56 | 52 | 3 | 1 | — | 4 | 371 |
| Acute Anterior Polio- myelitis : | | | | | | | | | | | | | |
| Paralytic | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Non-Paralytic | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dysentery | 2 | — | — | — | — | — | — | — | 1 | — | — | — | 3 |
| Food Poisoning | — | — | — | — | — | — | 3 | — | — | — | — | — | 3 |
| Meningococcal Meningitis | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Acute Encephalitis : | | | | | | | | | | | | | |
| Infective | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Post-Infectious | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 |
| Paratyphoid | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ophthalmia Neonatorum | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Typhoid | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Tuberculosis: | | | | | | | | | | | | | |
| Pulmonary | 2 | — | 5 | 1 | 2 | 1 | — | 2 | — | 1 | 1 | — | 15 |
| Cent. Nervous System | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other | 1 | — | 1 | — | — | — | — | — | — | — | — | — | 2 |
| | 27 | 30 | 102 | 60 | 28 | 64 | 62 | 54 | 6 | 4 | 5 | 4 | 446 |

Table 8. Tuberculosis.

| Age Periods | New Cases | | | | Deaths | | | |
|------------------|------------|----|-----------|----|------------|----|----------|----|
| | Pulmonary. | | Non. Pul. | | Pulmonary. | | Non-Pul. | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 year ... | — | — | — | — | — | — | — | — |
| 1—5 | — | — | — | — | — | — | — | — |
| 5—10 | — | — | — | 1 | — | — | — | — |
| 10—15... .. | — | — | — | — | — | — | — | — |
| 15—20... .. | — | — | — | — | — | — | — | — |
| 20—25... .. | — | — | — | — | — | — | — | — |
| 25—35... .. | 2 | — | — | — | — | — | — | — |
| 35—45... .. | 3 | 1 | 1 | — | — | — | — | — |
| 45—55... .. | 1 | — | — | — | 1 | — | — | — |
| 55—65... .. | 1 | 1 | — | — | 1 | — | — | — |
| Over 65 | 4 | 2 | — | — | 1 | — | — | — |
| | 11 | 4 | 1 | 1 | 3 | — | — | — |

Diphtheria and Whooping Cough Immunisation.

The following table gives the number of children under the age of 15 years on the 31st December, 1961, who had completed a course of immunisation at any time before that date (i.e., at any time since 1st January, 1947).

| Year of Birth. | DIPHTHERIA IMMUNISATION (Singly or in combination). | | WHOOPING COUGH IMMUNISATION (Singly or in combination) |
|----------------|--|--------------|---|
| | Primary. | Reinforcing. | Primary. |
| 1961 ... | 279 | — | 279 |
| 1960 ... | 274 | 9 | 271 |
| 1959 ... | 42 | 102 | 22 |
| 1958 ... | 38 | 54 | 24 |
| 1957 ... | 19 | 33 | 14 |
| 1952-1956 | 68 | 278 | 42 |
| 1947-1951 | 14 | 32 | 9 |

Poliomyelitis Vaccination.

Below are details of the number of injections given in the various priority groups during the year ended 31st December, 1961:—

| Priority Group. | 2nd Injections. | 3rd Injections. | 4th Injections. |
|-----------------------------------|-----------------|-----------------|-----------------|
| 1957-1961 ... | 635 | 539 | — |
| 1946-1956 ... | 253 | 251 | — |
| 1943-1945 ... | 72 | 41 | — |
| 1933-1942 ... | 399 | 276 | — |
| 1921-1932 ... | 854 | 761 | — |
| Others ... | 41 | 29 | — |
| School children under 12 years... | — | — | 2,286 |
| TOTAL ... | 2,254 | 1,887 | 2,286 |

Smallpox Vaccination.

The following table gives details of the number of persons vaccinated against smallpox during 1961:—

| Age at date of vaccination. | Number Vaccinated. | Number re-vaccinated. |
|-----------------------------|--------------------|-----------------------|
| Under 1 year ... | 383 | — |
| 1 year ... | 48 | — |
| 2 to 4 years ... | 25 | — |
| 5 to 14 years ... | 14 | 4 |
| 15 or over ... | 2 | 37 |
| TOTAL ... | 472 | 41 |

NURSING HOMES.

| | Number of Homes | Number of Beds provided for: | | |
|--|-----------------------|------------------------------|--------|-------|
| | | Maternity | Others | Total |
| (a) Homes first registered during year ... | — | — | — | — |
| (b) Homes whose registrations were withdrawn during the year ... | — | — | — | — |
| (c) Homes on the register at the end of the year | 18 | 3 | 240 | 243 |
| (d) Homes exempt from registration at the end of year ... | — | — | — | — |

The number of visits of inspection to the nursing homes during the year was 21.

**LOCAL HEALTH SERVICES FOR THE BOROUGH provided
by the Kent County Council.**

Ambulance Facilities.

Until the 18th November, 1961, the Borough was served by the ambulance station in Monson Road. On Sunday, 19th November, a new station was opened at 86a, Speldhurst Road, Southborough (Tel. No.: Tun. Wells 23222), and all requests for ambulance transport and enquiries relating to ambulance service matters are now dealt with from these new premises.

Domestic Help.

As in previous years all applications for Domestic Help, etc., are dealt with by the Area Organiser, whose office is now at 39, Grove Hill Road.

Nursing in the Home and Domiciliary Midwifery.

This work is carried out by District Nurses and Midwives employed by the Kent County Council.

Treatment Centres and Clinics.

The following table gives details of the various treatment centres and clinics operated by the Kent County Council.

| CLINICS AND TREATMENT CENTRES. | SESSIONS. | |
|---|--------------------------|-----------------------------|
| | Days. | Times. |
| Child Welfare Centres:— 9-10, Calverley Terrace, Crescent Road. | Tuesday and Thursday | 2 p.m.—4 p.m. |
| Congregational Church Hall, Rusthall. | Wednesday | 2.30 p.m. |
| St. Luke's Church Hall, 36, Silverdale Road. | Wednesday | 2.30 p.m. |
| Ante-Natal Clinic:— 9-10, Calverley Terrace, Crescent Road. | 1st, 3rd and 5th Friday | 2 p.m.—4 p.m. |
| Mothercraft & Relaxation Classes:— 9-10, Calverley Terrace, Crescent Road. | 2nd and 4th Friday | 2.30—3.30 p.m. |
| Diphtheria Immunisation & Vaccination Clinic:— 9-10, Calverley Terrace, Crescent Road. | Monday | 2 p.m.—4 p.m. |
| School Health Service:— Minor Ailment Clinic:— 9-10, Calverley Terrace, Crescent Road. | Monday Wednesday | 9—10 a.m. 9 a.m.—12 noon |
| Ophthalmic Clinic:— 9-10, Calverley Terrace, Crescent Road. | Monday | 9 a.m. |
| Orthopædic Clinic:— 9-10, Calverley Terrace, Crescent Road. | 1st, 2nd and 3rd Tuesday | 9 a.m. |
| Speech Therapy Clinic:— 3, Mount Ephraim Road | Tuesday | 10 a.m. |
| Dental Clinic:— 9-10, Calverley Terrace, Crescent Road. | Monday to Friday | 9.30 a.m. |

SERVICES PROVIDED BY THE REGIONAL HOSPITAL BOARD.

| Clinics. | Days. | Times. |
|--|--|---|
| Chest Clinic :— Out-Patient Department, Kent & Sussex Hospital, Tunbridge Wells. | Friday | 9 a.m. to 10 a.m. (for children only). 10.0 a.m. to 12.30 p.m. 2.0 p.m. to 4.30 p.m. |
| Clinic for treatment of Venereal Diseases :— Kent and Sussex Hospital, Tunbridge Wells | Wednesday (Females) Wednesday (Males) | 2.0 to 4.0 p.m. 4.0 to 6.0 p.m. |

There are five hospitals under the jurisdiction of the Regional Hospital Board which provide services for the town. These are as follows:—

Pembury Hospital, Pembury, Tunbridge Wells.

The Homoeopathic Hospital, Church Road, Tunbridge Wells.

The Kent and Sussex Hospital, Mount Ephraim, Tunbridge Wells.

The Tunbridge Wells and District Maternity Home, Calverley Park Gardens, Tunbridge Wells.

The Tunbridge Wells and District Isolation Hospital, Benhall Mill Road, Tunbridge Wells.

National Assistance Act, 1948 (as amended).

Section 47 of the National Assistance Act. (Removal to suitable premises of persons in need of care and attention.)

I am very pleased to report again this year no action was necessary under this Section.

Laboratory Service.

All public health bacteriology for the Borough was carried out either by the Laboratory at the Kent and Sussex Hospital, Tunbridge Wells, or by the Public Health Laboratory, under the directorship of Dr. A. L. Furniss, at the Laboratory at Preston Hall, British Legion Village, Maidstone.

Staff Medical Examinations.

During the year 35 medical examinations for superannuation purposes were carried out.

International Certificate of Vaccination.

Five hundred and seventy-seven certificates requiring the signature of the doctor authenticated were dealt with during the year.

GENERAL SANITARY ADMINISTRATION.

I have pleasure in giving details of the work of the Public Health Inspectors for the year 1961.

During the year under review the work of the Public Health Inspectors was curtailed by a shortage of staff occasioned by the resignation of two District Inspectors.

The significance of the attainment of 100% meat inspection involving as it does evening and weekend duty, as well as a full rota of other duties, can best be appreciated if one considers that the work during 1961 was carried out in spite of the shortage of staff already mentioned.

My thanks are, as always, due to yourself for the many helpful consultations, to the District Public Health Inspectors for their sustained effort and industry and to the clerical staff for their loyal support and for the kindly and courteous fashion in which they have dealt with members of the general public who have visited the office.

K. W. WILLANS,

Chief Public Health Inspector.

The following table gives a general summary of the visits and work carried out by the Public Health Inspectors during 1961.

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-------|
| Visits to Food Premises | ... | ... | ... | ... | ... | ... | 1,851 |
| „ „ Houses under the Housing Act | ... | ... | ... | ... | ... | ... | 686 |
| „ „ Houses under the Public Health Act | ... | ... | ... | ... | ... | ... | 598 |
| „ „ Houses under the Rent Act | ... | ... | ... | ... | ... | ... | 29 |
| „ „ Houses <i>re</i> Improvement Grants | ... | ... | ... | ... | ... | ... | 69 |
| „ „ Houses prior to rehousing tenants | ... | ... | ... | ... | ... | ... | 43 |
| „ „ Houses-let-in-lodgings | ... | ... | ... | ... | ... | ... | 35 |
| „ „ Movable Dwellings | ... | ... | ... | ... | ... | ... | 6 |
| „ „ Offensive Trades | ... | ... | ... | ... | ... | ... | 9 |
| „ „ Pet Shops | ... | ... | ... | ... | ... | ... | 15 |
| „ „ Public Conveniences | ... | ... | ... | ... | ... | ... | 18 |
| „ „ Shops | ... | ... | ... | ... | ... | ... | 33 |
| Water Courses | ... | ... | ... | ... | ... | ... | 3 |
| Workplaces/Offices | ... | ... | ... | ... | ... | ... | 14 |

| | |
|---|-----|
| Visits under Clean Air Act—atmospheric pollution station | 13 |
| —boiler plant inspection | 7 |
| —smoke observations | 21 |
| —other visits | 14 |
| —interviews | 12 |
| „ „ Factories Acts—mechanical | 49 |
| —non-mechanical | 13 |
| —other premises | 41 |
| —outworkers | 4 |
| „ „ Heating Appliances (Fireguards) Act | 5 |
| „ „ Agriculture (Safety, Health and Welfare) Act | 5 |
| Visits <i>re</i> Complaints | 503 |
| „ „ Drains | 397 |
| „ „ Infectious Disease | 24 |
| „ „ Keeping of Animals | 28 |
| „ „ Refuse Accommodation | 72 |
| „ „ Rodent Infestation | 27 |
| „ „ Sewage Disposal Plants and Cesspools | 30 |
| „ „ Sewers | 52 |
| „ „ Vermin Infestation | 86 |
| Miscellaneous visits | 528 |
| Drains tested | 44 |
| Interviews | 497 |
| Samples taken—Food and Drugs | 78 |
| —Ice-cream | 36 |
| —Milk and Milk Containers | 180 |
| —Water | 52 |

Water Supply.

The water supply to premises in Tunbridge Wells is drawn from two sources, one at Pembury and the other at Saints' Hill, Fordcombe, and again the supply was satisfactory both in quantity and quality throughout the year. The water from Pembury is mainly spring water augmented from borewells, and the water from Saints' Hill is solely from borewells.

Water from Tangiers Waterworks goes into supply outside the Borough. It is implemented by water drawn from Pembury when necessary.

Regular samples are taken of all sources of mains supply together with samples from the Chalybeate Spring on the Pantiles and all proved satisfactory.

Only six dwellings are not supplied by public water mains or other adequate piped supplies.

TABLE OF SAMPLES TAKEN OF DRINKING WATER

| Bacteriological | | | | | Satisfactory. | Not up to standard. |
|-------------------------------|-----------------------------------|-----|-----|-----|------------------------|-----------------------|
| 1. CORPORATION SUPPLY | | | | | | |
| (a) | Pembury Waterworks (treated) | ... | ... | ... | 15 | 0 |
| (b) | Saints' Hill Waterworks (treated) | ... | ... | ... | 8 | 0 |
| (c) | Tangiers Waterworks (treated) | ... | ... | ... | 5 | 0 |
| 2. PRIVATE SUPPLIES | | | | | | |
| | Untreated Water | ... | ... | ... | 0 | 0 |
| 3. PANTILES CHALYBEATE SPRING | | | | | | |
| | Untreated Water | ... | ... | ... | 11 | 0 |
| Chemical | | | | | Pembury Mixed treated. | Saints' Hill Treated. |
| | Free and Saline Ammonia | ... | ... | ... | 0.02 | 0.28 |
| | Albuminoid Ammonia | ... | ... | ... | 0.02 | 0.06 |
| | Oxygen absorbed in 4 hours | ... | ... | ... | 0.06 | 0.04 |
| | Nitrate Nitrogen | ... | ... | ... | 6.96 | 0.22 |
| | Chlorine (in chlorides) | ... | ... | ... | 29.0 | 31.0 |
| | Equivalent to Sodium Chloride | ... | ... | ... | 47.9 | 51.2 |
| | Total solid matter at 180°C. | ... | ... | ... | 145.0 | 350.0 |
| | Temporary Hardness | ... | ... | ... | 22.5 | 117.5 |
| | Permanent Hardness | ... | ... | ... | 55.0 | — |
| | Sodium Carbonate | ... | ... | ... | — | 68.9 |
| | Free Carbon Dioxide | ... | ... | ... | 2.2 | 20.9 |
| | Free Chlorine | ... | ... | ... | 0.01 | 0.36 |
| | Reaction (pH) | ... | ... | ... | 6.9 | 6.9 |
| | Iron | ... | ... | ... | 0.07 | 1.89 |

Public Swimming Bath.

The Monson Road Swimming Bath has a capacity of 99,000 gallons with a three and a half hour turnover. The plant provides for filtration, heating, chlorination and aeration of the water on which tests for available chlorine are carried out three times daily to ensure a free chlorine content of two parts per million and a pH value of between 7.8 and 8.2.

Once a year the Bath is emptied and refilled and the filtra-

tion plant is washed out twice weekly for which approximately 5,000 to 6,000 gallons of water are used.

Showers and foot sprays are provided and the public are encouraged to use them prior to entering the Bath.

During the past few years the popularity of the Swimming Bath has increased and, apart from the general public and swimming clubs, it is well used by school children, notably, from the primary schools. A special weekly session is held for spastic children and for members of the Polio Fellowship.

All bacteriological and chemical samples proved satisfactory

TABLE OF SAMPLES TAKEN OF SWIMMING BATH WATER

| | | | | | Satisfactory. | Not up to standard. |
|-------------------------------------|-----|-----|-----|-----|---------------|---------------------|
| 1. Corporation Swimming Bath | | | | | | |
| Bacteriological Samples | ... | ... | ... | ... | 12 | 0 |
| Chemical Samples | ... | ... | ... | ... | 1 | 0 |

Sewage and Refuse Disposal.

Two modern sewage works serve the town and arrangements for sewerage and sewage disposal are generally adequate. New sewers were laid during the year to serve new housing estates. There are, however, still a number of premises in the more rural part of the Borough having cesspool or septic tank drainage. During the year extensive alterations were carried out to sewage disposal systems of two properties in the Borough. Cesspools are emptied by the Cleansing Department eight times a year, free of charge.

Refuse disposal is carried out by the Cleansing Department under the supervision of the Borough Surveyor.

There are approximately 18,786 bins in use in the Borough and the refuse handled from all sources was in the region of 14,051 tons.

HOUSING.

Clearance of Unfit Houses in Areas.

During the year under review the following Clearance Areas were declared by the Council:—

| | | | No. of houses. | Occupants. |
|---|-----|-----|----------------|------------|
| Victoria Road Clearance Area No. 1 | ... | ... | 20 | 58 |
| Varney Street Clearance Area No. 2 | ... | ... | 5 | 13 |
| Common View, Rusthall, Clearance Area No. 1 | | | 5 | 15 |
| Kensington Street Clearance Area | ... | ... | 4 | 11 |
| | | | <hr/> 34 | <hr/> 97 |
| | | | <hr/> | <hr/> |

Victoria Road and Varney Street Clearance Areas were purchased by agreement towards the end of the year and the Clearance Orders in respect of Kensington Street and Common View, Rusthall, made by the Council in March, were confirmed by the Minister of Housing and Local Government in November.

In February the Minister confirmed the Wood Street/Camden Road Compulsory Purchase Order, 1960, involving 39 properties and 101 occupants on which a Public Local Enquiry was held in the previous year. This land was acquired with a view to housing redevelopment.

Individual Unfit Houses.

Twelve houses were reported to the Health Committee as being unfit and not capable of repair at reasonable expense. Nine of these houses were dealt with by Certificates of the Medical Officer of Health, two by Closing Orders and one was the subject of a Demolition Order.

Fourteen individually unfit houses were demolished during the year involving the displacement of 12 families.

Part Dwellings.

Closing Orders were made on ten basements and six families were rehoused. Closing Orders on three basements were determined following the satisfactory completion of work necessary to make them fit for human habitation.

As in previous years the cost of removals from unfit premises was borne by the Council which cost was increased owing to a charge by the Gas Board for disconnection of gas

cookers and their reconnection in the Corporation house. In one case disinfestation was carried out before the tenants' removal to their Corporation house.

Rehousing.

The following rehousing of tenants from unfit dwellings was effected during the year:—

| | <i>No. of dwellings.</i> |
|-------------------------------------|--------------------------|
| From Basements | 6 |
| From Individual Unfit Houses | 12 |
| From Clearance Areas | 20 |
| | — |
| | 38 |
| | == |

Five other families found their own accommodation.

Demolitions.

Fifteen houses in Clearance Areas were demolished during the year.

Disrepair of Houses.

Informal letters were sent requiring repairs to 179 houses and during the year 132 properties were repaired. When the informal approach did not bring satisfactory results the following action was taken:—

(a) Houses capable of repair at reasonable expense.

One notice was served under the provisions of Section 9 of the Housing Act, 1957, and action was still pending at the end of the year. Three houses were made fit by the owners during the year following Section 9 action taken in 1960.

(b) Public Health Act, 1936.

Fourteen notices were served requiring defects at dwelling houses to be remedied. Nine notices were complied with by the owners during the year and five by the Local Authority.

(c) *Public Health Act, 1961.*

Two notices were served under the provisions of Section 17 of this new Act, one notice was complied with by the owner and the other by the Local Authority.

Improvement Grants.

The Council approved 16 applications for Discretionary Grants involving some 17 houses, grant aid amounting to £4,698.

The Department dealt with 60 applications for Standard Grants, amounting to £3,214. Grants were paid during the year to 37 premises, seven being to owners and 30 to owner/occupiers. Sixty-nine visits were made to premises to discuss proposed works.

HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES

| A.1. Houses Demolished | | | | | No. of Houses. | Persons Displaced. | Families Displaced. |
|---|--|--|--|--|-------------------|-----------------------|------------------------|
| <i>In Clearance Areas</i> | | | | | | | |
| (1) | Houses unfit for human habitation | | | | 15 | 51 | 20 |
| (2) | Houses included by reason of bad arrangement, etc. | | | | — | — | — |
| (3) | Houses on land acquired under Section 43 (2), Housing Act, 1957 | | | | — | — | — |
| <i>Not in Clearance Areas</i> | | | | | | | |
| (4) | As a result of formal or informal procedure under Section 16 or Section 17 (1), Housing Act, 1957 | | | | 8 | 10 | 4 |
| (5) | Local Authority owned houses certified unfit by the Medical Officer of Health | | | | 6 | 14 | 7 |
| (6) | Houses unfit for human habitation where action has been taken under local Acts | | | | — | — | — |
| (7) | Unfit houses included in unfitness orders | | | | — | — | — |
| A.2. Number of Dwellings included above which were previously reported as closed | | | | | 1 | — | — |
| B. Unfit Houses closed | | | | | | | |
| (8) | Under Sections 16 (4), 17 (1) and 35 (1), Housing Act, 1957 ... | | | | 3 | 9 | 3 |
| (9) | Under Sections 17 (3) and 26, Housing Act, 1957 | | | | — | — | — |

| | | | | |
|---|--|-------------------------------|---------------------------------|---|
| (10) Parts of buildings closed under Section 18, Housing Act, 1957... | | 9 | 24 | 9 |
| C. Unfit Houses made fit and Houses in which defects were remedied | | By owner. By Local Authority. | | |
| (11) After informal action by Local Authority ... | | 132 | — | — |
| (12) After formal notice under | | | | |
| (a) Public Health Acts | | 9 | 5 | — |
| (b) Sections 9 and 16, Housing Act, 1957 ... | | 3 | 1 | — |
| (13) Under Section 24, Housing Act, 1957 ... | | — | — | — |
| D. Unfit Houses in Temporary Use (Housing Act, 1957) | | No. of Houses. | No. of separate Dwellings | |
| (14) Retained for temporary accommodation | | | | |
| (a) Under Section 48 | | — | — | — |
| (b) Under Section 17 (2) | | — | — | — |
| (c) Under Section 46 | | — | — | — |
| (15) Licensed for temporary occupation under Sections 34 or 53 | | — | — | — |
| E. Purchase of Houses by Agreement | | No. of Houses. | No. of Occupants | |
| (16) Houses in Clearance Areas other than those included in confirmed orders or compulsory purchase orders, purchased in the year ... | | 13 | 41 | — |

Rent Act, 1957.

The following table summarises the work of the Department under this Act.

RENT ACT, 1957

FIRST SCHEDULE.

Part I—Applications for Certificate of Disrepair.

| | |
|---|---|
| 1. Number of applications for certificates | 7 |
| 2. Number of decisions not to issue certificates | 0 |
| 3. Number of decisions to issue certificates:— | |
| (a) in respect of some but not all defects | 4 |
| (b) in respect of all defects | 3 |
| 4. Number of undertakings given by landlords under paragraph 5 of the First Schedule | 1 |
| 5. Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule | 0 |
| 6. Number of certificates issued | 6 |

Part II—Applications for Cancellation of Certificates.

| | |
|--|---|
| 7. Applications by landlords to Local Authority for cancellation of certificates | 2 |
|--|---|

| | | | |
|--|-----|-----|---|
| 8. Objections by tenants to cancellation of certificates | ... | ... | 1 |
| 9. Decisions by Local Authority to cancel in spite of tenants' objection | | | 0 |
| 10. Certificates cancelled by Local Authority | ... | ... | 2 |

Caravans.

Two temporary licences for periods of one year were issued under the Provisions of the Caravan Sites and Control of Development Act, 1960, and routine inspections revealed that the conditions imposed were being complied with.

Food and Drugs.

During the year the routine testing of milk to determine fat and solids-not-fat by the Gerber method was continued. Forty-nine samples were examined, all of which satisfied statutory standards.

A total of 78 samples of other foods of which seven were purchased formally and 71 informally, were submitted to the Public Analyst. Adverse reports were received in respect of 12 samples. Warning letters were sent in six cases and in four instances involving compositional quality, follow-up samples were found to be satisfactory. In two cases no further action was considered necessary.

SAMPLES TAKEN DURING 1961 UNDER THE FOOD AND DRUGS ACT, 1955

| Nature of Sample. | Examined. | | | Adulterated. | | |
|-------------------------------|-----------|----------|-------|--------------|----------|-------|
| | Formal | Informal | Total | Formal | Informal | Total |
| Almond Marzipan ... | — | 1 | 1 | — | 1 | 1 |
| Batter Pancake Flour | — | 1 | 1 | — | — | — |
| Bitter Lemon Concentrate ... | — | 1 | 1 | — | — | — |
| Boneless Chicken in Jelly ... | 1 | 1 | 2 | 1 | 1 | 2 |
| Bread ... | — | 1 | 1 | — | 1 | 1 |
| Butter ... | — | 2 | 2 | — | — | — |
| Casserole Steak ... | — | 1 | 1 | — | — | — |
| Cheese Savouries ... | — | 1 | 1 | — | — | — |
| Cheese Spread ... | — | 1 | 1 | — | — | — |
| Chocolate Ginger Marzipan ... | — | 1 | 1 | — | 1 | 1 |

| Nature of Sample | Examined | | | Adulterated | | |
|------------------------------|----------|----------|-------|-------------|----------|-------|
| | Formal | Informal | Total | Formal | Informal | Total |
| Christmas Pudding ... | — | 1 | 1 | — | — | — |
| Compound Wild Cherry | — | 1 | 1 | — | — | — |
| Confectionery ... | — | 1 | 1 | — | — | — |
| Cream—Dairy ... | — | 1 | 1 | — | — | — |
| „ Double ... | — | 2 | 2 | — | — | — |
| Cream Cheese ... | — | 2 | 2 | — | — | — |
| Creamed Rice ... | — | 1 | 1 | — | — | — |
| Custard Powder ... | — | 1 | 1 | — | — | — |
| Danish Butter Bread | — | 1 | 1 | — | — | — |
| Dressed Crab ... | — | 1 | 1 | — | — | — |
| Extract of Beef ... | — | 1 | 1 | — | — | — |
| Fish Cakes ... | — | 1 | 1 | — | — | — |
| Gin ... | 1 | — | 1 | — | — | — |
| Ginger Marmalade ... | — | 1 | 1 | — | — | — |
| Glaze Pineapple ... | — | 1 | 1 | — | — | — |
| Glaubers' Salt ... | — | 1 | 1 | — | — | — |
| Grapefruit Marmalade | — | 1 | 1 | — | — | — |
| Ground Almonds ... | — | 1 | 1 | — | — | — |
| Horseradish Sauce ... | — | 1 | 1 | — | — | — |
| Ice-cream ... | — | 2 | 2 | — | — | — |
| Ice Lolly ... | — | 1 | 1 | — | — | — |
| Instant Chocolate Drink | — | 1 | 1 | — | — | — |
| Instant Coffee ... | — | 1 | 1 | — | — | — |
| Liquid Paraffin ... | — | 1 | 1 | — | — | — |
| Liver Paté ... | — | 1 | 1 | — | — | — |
| Lobster Fish Paste ... | — | 2 | 2 | — | — | — |
| Margarine ... | — | 1 | 1 | — | — | — |
| Marmalade ... | — | 1 | 1 | — | — | — |
| Meat Paste ... | — | 1 | 1 | — | — | — |
| Minced Beef and Gravy | — | 1 | 1 | — | — | — |
| Minced Chicken in Jelly | — | 1 | 1 | — | — | — |
| Mincemeat ... | — | 1 | 1 | — | — | — |
| Mixed Fruit ... | — | 1 | 1 | — | — | — |
| Orange Drink ... | 1 | 2 | 3 | 1 | 1 | 2 |
| Orange Squash ... | — | 1 | 1 | — | — | — |
| Plum Jam ... | — | 1 | 1 | — | — | — |
| Pork Rings ... | — | 1 | 1 | — | — | — |
| Pork Sausages ... | 1 | 4 | 5 | — | 1 | 1 |
| Puff Pastry ... | — | 1 | 1 | — | — | — |
| Raspberry Jam ... | — | 2 | 2 | — | 1 | 1 |
| Rum ... | 1 | — | 1 | — | — | — |
| Salad Cream ... | — | 1 | 1 | — | — | — |
| Salmon ... | — | 1 | 1 | — | — | — |
| Self-Raising Flour ... | — | 1 | 1 | — | — | — |
| Soft Drink ... | — | 1 | 1 | — | 1 | 1 |
| Steak and Kidney Pie | — | 1 | 1 | — | — | — |
| Steak and Kidney Pudding ... | — | 1 | 1 | — | — | — |
| Sugar ... | — | 1 | 1 | — | 1 | 1 |
| Swiss Roll ... | — | 1 | 1 | — | — | — |
| Tea ... | — | 2 | 2 | — | — | — |
| Tomato Sauce ... | 1 | 1 | 2 | — | 1 | 1 |
| Tuna Fish ... | — | 1 | 1 | — | — | — |
| Whisky ... | 1 | — | 1 | — | — | — |
| TOTAL ... | 7 | 71 | 78 | 2 | 10 | 12 |

Ice-Cream.

During the year the number of premises registered under the provisions of the Food and Drugs Act, 1955, was 161, showing a slight increase over the previous year's figure of 154.

ICE CREAM TABLE.

| | | | | | |
|---|---------|-----|-----|-----|-----|
| Number of manufacturers of ice-cream | ... | ... | ... | ... | 3 |
| „ „ other premises registered for the sale of ice-cream | ... | ... | ... | ... | 158 |
| „ „ samples taken for bacteriological examination | ... | ... | ... | ... | 36 |
| The 36 bacteriological samples were graded as follows: | Grade 1 | ... | ... | ... | 24 |
| | Grade 2 | ... | ... | ... | 8 |
| | Grade 3 | ... | ... | ... | 4 |
| | Grade 4 | ... | ... | ... | 0 |

Milk and Dairies Regulations.

Six samples of raw Tuberculin Tested Milk passed the Biological Test for the absence of Tubercle and Brucella Abortus.

Of the 42 Pasteurised Milk samples which include school milk and cartoned milk from two street vending machines, two samples failed to satisfy the Methylene Blue Test and one Tuberculin Tested (Pasteurised) sample of Milk failed the Phosphatase Test. Subsequent samples proved to be satisfactory.

Milk Receptacles.

Ten samples of grouped bottles were taken from bottle washing plants in the Borough and the average mean bottle count was satisfactory in all cases.

Milk Supply.

Licences in force at the end of the year:—

| | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|----|
| Pasteurisers' Licences | ... | ... | ... | ... | ... | ... | ... | 2 |
| Dealers' Licences: Pasteurised Milk | ... | ... | ... | ... | ... | ... | ... | 25 |
| „ „ Tuberculin Tested Milk | ... | ... | ... | ... | ... | ... | ... | 15 |
| „ „ Sterilised Milk | ... | ... | ... | ... | ... | ... | ... | 28 |
| Number of registered dairies | ... | ... | ... | ... | ... | ... | ... | 4 |
| „ „ registered distributors in the Borough | ... | ... | ... | ... | ... | ... | ... | 44 |
| „ „ shops (not dairies) selling bottled milks | ... | ... | ... | ... | ... | ... | ... | 48 |

Milk Sampling.

| <i>Heat Treated Milks</i> | | | | <i>Methylene Blue Test,</i> | | <i>Phosphatase Test</i> | |
|---------------------------------|-----|-----|-----|-------------------------------------|----------------|-------------------------|----------------|
| | | | | <i>Passed.</i> | <i>Failed.</i> | <i>Passed.</i> | <i>Failed.</i> |
| Pasteurised | ... | ... | ... | 38 | 2 | 42 | 0 |
| | | | | (2 void) | | | |
| Tuberculin Tested (Pasteurised) | | | | 34 | 0 | 34 | 1 |
| | | | | (1 void) | | | |
| Sterilised | ... | ... | ... | 1 sample passed the Turbidity Test. | | | |

| <i>Raw Milks</i> | | <i>Methylene Blue Test.</i> | | <i>Biological Test.</i> | |
|------------------|--|-----------------------------|----------------|-------------------------|----------------|
| | | <i>Passed.</i> | <i>Failed.</i> | <i>Passed.</i> | <i>Failed.</i> |
| | | 41 | 2 | 6 | 0 |

FOOD HYGIENE.

One thousand and fifty-one visits were made to food premises including the temporary catering arrangements for the large outdoor events.

In two instances it was necessary to formally seize food for official condemnation by a Justice of the Peace, and as a result legal proceedings were successfully instituted in one case, and a warning letter was sent to the other offender.

Warning letters were sent to the proprietors of two café premises following adverse reports on general conditions. Subsequent inspections revealed some improvement.

Legal proceedings was successfully taken against a dairy firm during the year. Members of the Health Committee accepted an invitation to visit a processing dairy.

On two occasions it was necessary to report on the exposure of fruit and vegetables to the risk of contamination by dogs and in both instances legal proceedings were successful.

Eight food complaints were investigated during the year and a warning letter was sent in each case.

Food found to be unfit for human consumption in Retail and Wholesale Food Premises totalled 2 tons, 11 cwts., 3 qrs., 12 lbs., and, as in previous years, was disposed of at the Corporation Tip.

INSPECTION AND SUPERVISION OF FOOD.

Number of Food Premises in the Borough 487

| <i>Type of Business</i> | | | | | | | <i>Number</i> |
|--------------------------------------|--|--|--|--|--|--|---------------|
| Bakehouses and bakers' shops | | | | | | | 30 |
| Butchers' shops | | | | | | | 28 |
| Cafés, Restaurants, etc. | | | | | | | 44 |
| Dairies | | | | | | | 4 |
| Fish shops | | | | | | | 14 |
| Greengrocers | | | | | | | 39 |
| Grocers and mixed | | | | | | | 117 |
| Hotels | | | | | | | 25 |
| Ice-Cream factory... .. | | | | | | | 1 |
| Licensed premises | | | | | | | 55 |
| Market (covered) | | | | | | | 1 |
| Nursing and Old Peoples Homes | | | | | | | 49 |
| School and other Canteens | | | | | | | 32 |
| Slaughterhouses | | | | | | | 2 |
| Sweet and Cake Shops | | | | | | | 39 |
| Wholesale Meat Depots | | | | | | | 4 |
| Other Food Premises | | | | | | | 3 |

The nature of the business has been classified according to the principal trade as two or more trades are often carried on from the same premises.

Registered Food Premises.

Number of food premises (included above) registered under:

| <i>(i) Food and Drugs Act, 1955, Section 16:</i> | | | | | <i>Number</i> | <i>Visits</i> |
|---|--|-----|-----|-----|---------------|---------------|
| (a) | Fish fryers | ... | ... | ... | 9 | 9 |
| (b) | Manufacturers of sausages, or potted, pressed, pickled or preserved food | ... | ... | ... | 30 | 126 |
| (c) | Manufacture, storage or sale of ice-cream | ... | ... | ... | 161 | 72 |
| <i>(ii) Milk and Dairies (General) Regulations, 1959:</i> | | | | | | |
| (a) | Dairies... | ... | ... | ... | 4 | 75 |
| (b) | Registered Distributors | ... | ... | ... | 44 | — |
| (c) | Premises (other than dairies) used by Registered Distributors for the sale of milk | ... | ... | ... | 48 | 31 |

SLAUGHTERHOUSES ACT, 1958.

The resolution of the Health Committee to construct a Public Abattoir was not accepted by the Council, but the Public Health advantages of the Public Abattoir on an area basis was apparently not in dispute.

Holly Farm Slaughterhouse closed on the 28th September.

During the year the privately owned Beechwood Slaughterhouse was brought up to the required standard and just before it re-opened in October the Health Committee visited and were well pleased with the extent of the work carried out.

It is pleasing to report that 100% meat inspection has again been attained but it should be borne in mind that this is only possible through the attendance of the meat inspector in the late evenings and on Saturdays and Sundays.

| <i>Year.</i> | <i>Cattle excluding Cows.</i> | <i>Cows.</i> | <i>Calves.</i> | <i>Sheep and Lambs.</i> | <i>Pigs.</i> | <i>Total.</i> |
|--------------|---------------------------------------|--------------|----------------|---------------------------------|--------------|---------------|
| 1955 | 1,023 | 293 | 843 | 2,080 | 4,818 | 9,057 |
| 1956 | 1,431 | 226 | 1,090 | 2,835 | 3,292 | 8,874 |
| 1957 | 1,562 | 308 | 1,169 | 2,217 | 4,181 | 9,437 |
| 1958 | 1,226 | 324 | 908 | 3,471 | 5,279 | 11,208 |
| 1959 | 926 | 131 | 769 | 8,779 | 8,389 | 18,994 |
| 1960 | 1,257 | 89 | 1,020 | 8,800 | 7,513 | 18,679 |
| 1961 | 1,398 | 59 | 637 | 9,896 | 7,441 | 19,431 |

The Ministry of Agriculture, Fisheries and Food have approved Beechwood Farm Slaughterhouse as a Deadweight Certification Centre.

During the year at both Beechwood and Holly Farm a total of 3,042 pigs were graded, producing £90. 14s. 6d. in fees.

**TABLE OF CARCASSES AND OFFAL INSPECTED AND FOUND UNFIT
IN WHOLE OR PART**

| | Cattle, excluding Cows. | Cows. | Calves. | Sheep and Lambs. | Pigs. | Horses. |
|--|-------------------------------|--------|---------|------------------------|-------|---------|
| Number killed | 1,398 | 59 | 637 | 9,896 | 7,441 | — |
| Number inspected | 1,398 | 59 | 637 | 9,896 | 7,441 | — |
| <i>All diseases except Tuberculosis and Cysticerci :—</i> | | | | | | |
| Whole carcasses found unfit | — | 1 | — | 3 | 3 | — |
| Carcasses of which some part or organ was found unfit | 184 | 16 | 2 | 345 | 459 | — |
| Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci | 13.16% | 28.81% | .31% | 3.52% | 6.21% | — |
| <i>Tuberculosis only :—</i> | | | | | | |
| Whole carcasses found unfit | — | — | — | — | — | — |
| Carcasses of which some part or organ was found unfit | — | — | — | — | 53 | — |
| Percentage of the number inspected affected with Tuberculosis | — | — | — | — | .71% | — |
| <i>Cysticercosis :—</i> | | | | | | |
| Carcasses of which some part or organ was found unfit | 3 | — | — | — | — | — |
| Carcasses submitted to treatment by refrigeration | 2 | — | — | — | — | — |
| Generalised and totally unfit | — | — | — | — | — | — |

Food found to be unfit for human consumption in the slaughterhouses in the Borough amounted to 2 tons, 15 cwts., 2 qrs., 6 lbs., and this total included 5 cwts., 3 qrs., 12 lbs. tubercular weight.

Unsound meat is coloured with vegetable dye and converted into commercial by-products.

Slaughter of Animals Act, 1958.

No new licences to slaughter animals were issued during the year but there were nine renewals.

Diseases of Animals (Waste Foods) Order, 1957.

Seven visits were made to premises under this Order during the year.

Every opportunity is taken to impress plant operators with the necessity to properly cook their waste food as a preventative measure against the spread of Foot and Mouth Disease.

Agriculture (Safety, Health and Welfare Provisions) Act, 1956.

Five visits were made to agricultural units during the year and in each a reasonable standard of sanitary accommodation was found to exist for the farm workers.

Clean Air Act, 1956.

During the year 21 smoke observations were made and any matters arising were dealt with without the necessity for reference to the Health Committee with the exception of one premises which was resolved without the need for statutory action.

The following table shows the monthly assessment for deposited matter and sulphur present in the atmosphere:

| | | Woodbury Park Site | | | Mg. of SO₃/day collected by 100 sq. cm. | | |
|-----------|-----|---|-------|-------|---|------|------|
| Month | | Deposited Matter (Tons per sq. mile) | | | | | |
| | | 1959 | 1960 | 1961 | 1959 | 1960 | 1961 |
| January | ... | 10.17 | 7.52 | 9.99 | 1.59 | 0.96 | 0.75 |
| February | ... | 7.12 | 8.60 | 9.15 | 1.37 | 0.72 | 0.70 |
| March | ... | 9.22 | 10.45 | 7.66 | 0.91 | 0.72 | 0.75 |
| April | ... | 9.72 | 7.77 | 8.20 | 0.76 | 0.59 | 0.38 |
| May | ... | 7.34 | 11.37 | 9.69 | 0.46 | 0.41 | 0.41 |
| June | ... | 6.94 | 6.38 | 6.53 | 0.27 | 0.29 | 0.24 |
| July | ... | 13.81 | 7.29 | 9.73 | 0.23 | 0.14 | 0.14 |
| August | ... | 7.25 | 4.69 | 7.48 | 0.19 | 0.22 | 0.19 |
| September | ... | 6.88 | 8.29 | 9.65 | 0.53 | 0.32 | 0.18 |
| October | ... | 8.42 | 9.08 | 11.34 | 0.36 | 0.35 | 0.39 |
| November | ... | 11.17 | 10.29 | 9.99 | 0.59 | 0.47 | 0.60 |
| December | ... | 13.64 | 8.31 | 17.33 | 0.54 | 0.73 | 0.72 |
| AVERAGE: | ... | 9.31 | 8.34 | 9.73 | 0.65 | 0.49 | 0.45 |

Notification of Intention to Install New Boiler Plant.

Eight notifications were received under Section 3 of the Act and in each case smokeless fuels were to be used.

Pest Control.

(i) RODENT CONTROL.

The following table shows the work carried out under the Prevention of Damage by Pests Act, 1949, for which one Rodent Operator is employed on rodent and other pest control:—

| 1. Surface Treatments | Type of Property | | |
|---|------------------|-------------------|-------------------|
| | Local Authority | Private Dwellings | Business Premises |
| Number of properties in district | 38 | 12,255 | 2,505 |
| Number of properties inspected as a result of: | | | |
| (a) Notification | 18 | 218 | 48 |
| (b) Survey under the Act | 18 | 436 | 48 |
| Number of properties found to be infested by: | | | |
| (a) Rats Major infestation | — | 2 | 2 |
| Minor infestation | 15 | 156 | 27 |
| (b) Mice Major infestation | — | — | — |
| Minor infestation | 3 | 46 | 16 |
| Number of infested properties treated by Rodent Operator | 18 | 203 | 43 |
| Number of infested properties treated by occupier | — | 4 | 1 |
| Total treatments carried out by Rodent Operator including re-treatments ... | 26 | 219 | 44 |
| Number of notices served under Section 4 of the Act | | | |
| (a) Treatment | — | — | — |
| (b) Structural Work | — | — | 1 |

2. Sewer Treatment.

| | |
|---|-----|
| Number of manholes poison-baited—1st treatment | 161 |
| Number of manholes poison-baited—2nd treatment | 167 |

A warning letter was sent to the manager of a food premises in the town drawing his attention to the provisions of Section 3

of the Prevention of Damage by Pests Act, 1949, and warning him of his liability to report any infestation of rats or mice.

A Statutory Notice was also served on these premises under Section 4 of the above Act requesting the owner to effectually destroy the rats and make vermin-proof the sanitary convenience and cellar.

(ii) OTHER PESTS.

Disinfestation treatment was carried out at 23 premises including eight for bugs and fleas and ten for cockroaches.

Thirty visits were made to houses in the Ramslye Estate to deal with infestations of flies.

A total of 54 wasps nests were reported from early June until the end of September and of this number 34 were successfully dealt with by the Rodent Operator for which the Corporation made a charge.

Other nuisances such as foxes, badgers and squirrels are not treated by the Corporation but advice is given where possible. Infestations of rabbits are reported to the County Pests Officer at Maidstone.

Pet Animals Act, 1951.

Fifteen visits were made to pet shops during the year for the purpose of inspections. Eight Pet Shop licences were renewed.

Heating Appliances (Fireguards) Act, 1952.

Five visits were made to premises selling heating appliances during the year to ensure that they were adequately guarded.

A firm of auctioneers kindly agreed to display in their auction rooms a notice drawing the attention of dealers of second-hand heating appliances to the need for compliance with the above legislation. It is hoped that this publicity together with visits to second-hand dealers' premises will help to reduce the number of home accidents caused by unsatisfactory heating appliances.

Shops Act, 1950.

Thirty-three visits were made under the Shops Act.

One exemption certificate was issued exempting one shop from the provision of sanitary accommodation on the premises as these facilities were readily available on adjoining premises.

Factories Act, 1937 to 1959.

Prescribed Particulars on the Administration of the Factories Act, 1937.

1. INSPECTIONS for purposes of provisions as to Health.

| Premises | Number on Register | Number of | | |
|---|--------------------------|-------------|--------------------|-------------------------|
| | | Inspections | Written notices | Occupiers prosecuted |
| (i) Factories in which Sections 1, 2, 3, 4, and 6, are to be enforced by Local Authorities | 67 | 13 | — | — |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority... .. | 202 | 49 | 8 | — |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) | 42 | 41 | 9 | — |
| TOTAL | 311 | 103 | 17 | — |

2. CASES IN WHICH DEFECTS WERE FOUND.

| Particulars | Number of cases in which defects were found | | | | Number of cases in which prosecutions were instituted |
|---|---|----------|----------------------------|-------------------|---|
| | Found | Remedied | Referred to H.M. Inspector | by H.M. Inspector | |
| Want of cleanliness (S.1) | — | — | — | — | — |
| Overcrowding ... (S.2) | — | — | — | — | — |
| Unreasonable temperature ... (S.3) | — | — | — | — | — |
| Inadequate ventilation (S.4) | — | — | — | — | — |
| Ineffective drainage of floors ... (S.6) | — | — | — | — | — |
| Sanitary Conveniences (S.7) | | | | | |
| (a) insufficient ... | 3 | 3 | — | — | — |
| (b) unsuitable or defective ... | 16 | 4 | — | 7 | — |
| (c) Not separate for sexes ... | — | — | — | — | — |
| Other offences against the Act (not including offences relating to Outwork) ... | — | — | — | — | — |
| TOTAL ... | 19 | 7 | — | 7 | — |

Outwork.

(Sections 110 and 111.)

| Nature of Work | Section 110. | | | Section 111. | | |
|-------------------------------|--|---|---|---|----------------|--------------|
| | No. of out-workers in August list required by Sect. 110. (1) (c) | No. of cases of default in sending lists to the Council | No. of prosecutions for failure to supply lists | No. of instances of work in un-wholesome premises | Notices served | Prosecutions |
| Wearing apparel, making, etc. | 4 | — | — | — | — | — |

WEATHER INFORMATION FOR THE YEAR 1961.

The Municipal Meteorological Station is an official Auxiliary Station reporting daily a summary of the readings to the Meteorological Officer of the Air Ministry. Instrument readings are taken daily at 9.0 a.m. G.M.T. and 6.0 p.m. clock-time and a note of weather changes, particularly of rain, snow, hail, thunderstorms, gales, etc., is made throughout the day.

With the exception of the sunshine recorder which is mounted on the roof of Reliance House, Mount Ephraim, by courtesy of the Reliance Mutual Insurance Society, Ltd., the recording instruments are situated in an enclosure in the Calverley Grounds. The standard "Fortin" barometer is housed in the Town Hall.

Observers work on a rota system and during the year the duties were carried out by the following members of the Health Department: Messrs. T. Ellison, W. P. S. Rae, R. Welch and R. G. Hull. During the interim period between the resignation of Mr. Rae and the appointment of Mr. Hull the duties were carried out by Mr. D. A. Barmby.

General Observations.

The year 1961 was sunny and the driest for the past eight years. The comparatively good weather of the earlier months of the year accounted for sunshine and temperature readings being higher than average whilst the rainfall readings were lower.

Sunshine.

The total amount of bright sunshine was 1,728 hours, which was 115 hours above the average for the past 47 years and 233 hours above the amount of sunshine for 1960.

For eight months of the year the amount of sunshine exceeded the monthly average and 97 hours more sunshine were recorded for the first six months than for the second half of the year.

June was the sunniest month with a total of 261 hours.

March sunshine totalled 187 hours and this was the highest March total since 1938. On the other hand there were only 96 hours sunshine in April, which total is the third lowest on record for that month. The two previous lower records for April were 76.6 hours in 1920 and 78.9 hours in 1918.

The 81 hours of sunshine for December was the highest December total since records started in 1899. The highest total previously recorded was 72 hours in December, 1936.

There were 67 sunless days—the average being 66.

Precipitation.

Rainfall for the year being 27.60 inches was below the average of 30.61 inches.

Rain fell on 141 days and this figure fell short of the average yearly number by 20 days.

The rainfall for seven months of the year was below the monthly average. There was a “partial drought” throughout March during which month only 0.12 inches of rain fell being the lowest recorded for the month since 1944. A period of “absolute drought” (i.e. more than 14 consecutive days without 0.01 inch of rain on any one day) occurred from 8th to 25th May, and this was the driest spell of the year.

Sleet or snow was recorded on only three days and hail fell on four days.

Temperature.

The mean temperature throughout the year was 49.9°F. which was higher than the average of 49.2°F. and this was largely due to the mean temperature for the months February, March and April being well above average for those months.

The underground temperatures were also above average and there was a continuous spell of six months (February to July) when these higher-than-average temperatures prevailed. The mean range of temperature was 15.7°F. as compared to the average of 14.3°F. taken over 66 years.

The highest recorded shade temperature during the year was 89°F. on the 1st July and this was also the maximum recorded temperature during the year.

The warmest night temperature of 61°F. occurred on the 5th and 30th August, and the coldest temperature of 20°F. occurred during the nights of 7th, 18th, 19th and 26th December.

Air frost was recorded on 61 days and ground frost on 90 days. On the 28th May were recorded the last air and ground frost following the winter. The first air and ground frosts later in the year were noted on the 30th October.

Other Observations.

Fog occurred on 14 days.

Gale force winds were recorded on only three days.

The highest and lowest barometer readings were taken in December and these were 30.74 on the 18th and 28.98 on the 30th.

| Month. | Sunshine. | | Rainfall. | | Mean Temperature. In shade 4 feet above ground. | | Temperature Underground. | | | |
|---------------|---------------------|---------------------|--------------|------------------|--|------------------|--------------------------|------------------|------------|------------------|
| | | | | | | | One Foot. | | Four Feet. | |
| | 1961. | 47 year average. | 1961. | 81 year average. | 1961. | 71 year average. | 1961. | 61 year average. | 1961. | 47 year average. |
| January ... | Hrs. 57 Mins. 54 | Hrs. 53 Mins. 42 | Inches. 4.36 | Inches. 2.82 | °F. 37.6 | °F. 38.1 | °F. 37.8 | °F. 39.1 | °F. 41.7 | °F. 42.9 |
| February ... | 74 30 | 71 0 | 2.41 | 2.30 | 44.0 | 38.8 | 42.4 | 38.8 | 43.3 | 41.9 |
| March ... | 187 12 | 124 36 | 0.12 | 2.17 | 45.4 | 42.2 | 44.2 | 41.8 | 45.5 | 42.9 |
| April ... | 96 42 | 157 12 | 2.58 | 1.92 | 50.4 | 46.8 | 51.4 | 47.4 | 49.6 | 46.8 |
| May ... | 234 42 | 211 48 | 0.82 | 1.94 | 51.9 | 53.0 | 56.0 | 54.7 | 54.2 | 51.7 |
| June ... | 261 36 | 220 36 | 1.10 | 1.94 | 58.4 | 58.1 | 61.4 | 60.8 | 57.9 | 57.1 |
| July ... | 200 42 | 208 30 | 1.73 | 2.32 | 60.2 | 61.6 | 64.0 | 63.8 | 62.1 | 60.5 |
| August ... | 181 30 | 192 36 | 0.99 | 2.48 | 60.5 | 61.2 | 62.0 | 63.3 | 61.4 | 61.6 |
| September ... | 139 48 | 150 54 | 2.30 | 2.32 | 60.4 | 57.3 | 61.5 | 59.2 | 61.5 | 60.2 |
| October ... | 137 48 | 111 30 | 4.15 | 3.50 | 50.8 | 50.3 | 53.3 | 52.4 | 57.4 | 56.0 |
| November ... | 74 24 | 63 0 | 3.08 | 3.56 | 41.9 | 43.4 | 44.2 | 45.6 | 49.8 | 50.1 |
| December ... | 81 24 | 47 54 | 3.96 | 3.34 | 37.1 | 39.8 | 39.0 | 41.2 | 44.7 | 45.5 |
| | 1728 12 | 1613 18 | 27.60 | 30.61 | 49.9 | 49.2 | 51.4 | 50.7 | 52.4 | 51.4 |

